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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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3-20-03

n re application of:

Ivan A. COWIE et al.

Appl. No: 09/638,192

Confirmation No:

Filed: August 15, 2000

For: A METHOD FOR SPECIFYING NON-TEMPORAL PULSE CHARACTERISTICS

Art Unit: 2634

Examiner: Unassigned

Atty. Docket No: 28549/165559

Customer No:

PATENT TRADEMARK OFFICE

Second Information Disclosure Statement

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

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Technology Center 2600

This is an Information Disclosure Statement submitted under 37 C.F.R. § 1.97 within the time specified under 37 C.F.R. § 1.97(b).

In order to comply with Applicants' duty of disclosure under 37 C.F.R. § 1.56, the U.S. Patent and Trademark Office is notified of the documents which are listed on the attached Form PTO-1449 and which the Examiner may deem relevant to patentability of the claims of the above-identified application. One copy of each of the listed documents is submitted herewith.

The present Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits, and therefore no Statement Under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In view of the above, no further translation or statement of relevance is required, and as all requirements of 37 C.F.R. § 1.97 and all official guide lines pertaining to Information Disclosure Statements have been complied with, and it is therefore respectfully requested that the Examiner consider the documents and make them of record.

Please charge any necessary fee or credit any overpayment in connection with this Information Disclosure Statement to Deposit Account No. 22-0261.

Respectfully submitted,

Date: March 18, 2003

Robert S. Bahayi

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Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

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Complete if Known				
Application Number	09/638,192			
Filing Date	August 15, 2000			
First Named Inventor	Ivan A. COWIE et al			
Group Art Unit	2634			
Examiner Name	Unassigned			
Attorney Docket Number	28549/165559			

U.S. PATENT DOCUMENTS						
Examiner Initials *			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
GM	A1	5,134,408	HARMUTH	07-28-1992		
(754	A2	5,523,728	McCORKLE	06-04-1996		
(11	A3	5,748,891	FLEMING ET AL.	05-05-1998		
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	FOREIGN PATENT DOCUMENTS							
Examiner Cite No.1		Foreign Patent Document		Name of Patentee	Date of Publication of	Pages, Columns, Lines, Where Relevant		
	Office ³	Number ⁴	Kind Code ⁵ (<i>if known</i>)	or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	T ₆	
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EXAMINER: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08A (08-00)

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Application Number 09/638,192

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First Named Inventor Ivan A. COWIE et al.

Group Art Unit 2634

Examiner Name Unassigned

Attorney Docket Number 28549/165559

(use as many sheets as necessary)

Sheet 2 of 2

OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2		
GM	A4	Antennas and Waveguides for Nonsinusoidal Waves, HARMUTH, Department of Electrical Engineering, The Catholic University of America, Academic Press, Inc. 1984, pp. 1-43.			
લન	A5	U.S. Patent Application No. 09/209,460 filed December 11, 1998, McCORKLE ET AL., Ultra Wide Bandwith (UWB) Spread Spectrum Digital Communications System			
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